Bruhat Bangalore Mahanagara Palike

Executive Engineer Yelahanka Division

Name of Work:Repair and Maintenance of Footpath in Ward no-5 of Yalahanka Satellite town Sub Division

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Estimate Cost Unit	Rate	30.00 Lakhs Amount
1	Removing and resetting Cobble Stone (Approved Rate)								
	Approved Rate	572.75							
	Area Weightage 10%	57.28							
	Total Rate	630.03							
	Judicial Layout								
	3rd Cross Road RHS	1	300.00	1.30		390.00			
		1	102.80	1.32		135.36			
					Total	**525.36**			
	Deduct / Missing Slabs 30%					157.61			
						367.75	**Sqm**	**630.03**	**231692.95**
2	Removing and resetting of Kerb Stone (Approved Rate)								
	Approved Rate	118.00							
	Area Weightage 10%	11.80							
	Total Rate	129.80							
	Judicial Layout								
	3rd Cross Road RHS	1	300.00			300.00			
		1	102.80			102.80			
					Total	**402.80**			
	Deduct / Missing Slabs 30%					120.84			
						281.96	**M**	**129.80**	**36,598.41**
3	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately) Mix 1:3:6 (M10) Using 40 mm nominal size graded crushed coarse aggregates (V-1, P.No-15, I No-2.1.3 of PWD SR 2021-22) Issue Rate On 07-07-2022								
	Basic Rate	5554.00							
	Area Weightage 10%	555.40							
	Total Rate	6109.40							
	Judicial Layout								
	Qty From Item No-1	1	525.36		0.15	78.80			
	Qty From Item No-2	1	402.80	0.20	0.10	8.06			
						86.86	**Cum**	**6109.40**	**530662.47**
4	Providing and laying heavy duty cobble Stones 60mm thick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 30Mpa as per IRC SP 63:2018 & IS 15658 over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level , including cost of materials, labour and Usage charges of machinery complete as per specifications.(V-II, I.No 9.31 P.No 64 of PWD SR 2021-22)								

	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
	Basic Rate	1087.00							
	Area Weightage 10%	108.70							
	Total Rate	1195.70							
	Judicial Layout								
	Qty From Item No-1								
		1	157.61			157.61			
						157.61	Sqm	1195.70	188451.88
5	Supplying and fixing M15 grade precast cement concrete Kerb stones for Roadway, Sidewalls and gutters fixed with CM 1:3 fixed and finished in line as per direction of engineer in charge (The Cost of PCC shall be paid extra) 600 X 300 X 150 mm Kerb Stone (V-III, No.6.3,P No-146 of PWD BCSR 2021-22)								
	Data Rate	507.00							
	Judicial Layout								
	Qty From Item No-1								
		1	120.84			120.84	m		
						269.00	Nos		
						269.00	Nos	507.00	136383.00
6	Painting two coats after filling the surface with synthetic enamel paint in all shades on new plastered concrete surfaces (V-III, I.No.8.10,P No.56, of PWD SR 2021-22)								
	Basic Rate	85.00							
	Area Weightage 10%	8.50							
	Total Rate	93.50							
	Judicial Layout								
	3rd Cross Road RHS	1	582.80		0.35	203.98			
	3rd Cross Road LHS	1	424.20		0.35	148.47			
						352.45	Sqm	93.50	32,954.08
7	Providing and Fixing pre cast reinforced cement concrete covering Slab of CC 10cm thick made of M25 with OPC cement @ 340kgs per Cum with 20 mm and Down size graded granite metal coarse agg @.70cum and fine aggregate & 0.74 cum with superplasticizer mechine, mixed including providing and removing centering, shuttering, shuttering propping etc. for edges of slabs with TMT (Fe500) COM, labor, labor, all Lead and Lift, HOM, Curing, including Cost of reinf Etc, Complete as directed by the Engineer in charge of Work								
	Basic Data Rate	2072.00							
	Add Missing/Damaged Slab in Ward No 05								
		210	0.60	0.90		113.40			
		200	0.60	1.20		144.00			
						257.40	Sqm	2072.00	533332.80
8	Providing and Fixing pre cast reinforced cement concrete covering Slab of CC 23cm thick made of M25 with OPC cement @ 340kgs per Cum with 20 mm and Down size graded granite metal coarse agg @.70cum and fine aggregate & 0.74 cum with superplasticizer mechine, mixed including providing and removing centering, shuttering, shuttering propping etc. for edges of slabs with TMT (Fe500) COM, labor, labor, all Lead and Lift, HOM, Curing, including Cost of reinf. Etc, Complete as directed by the Engineer in charge of Work								
	Data Rate	5037.00							
	Add Missing/Damaged Slab in Ward No 05								
		110	0.60	1.20		79.20			
		100	0.60	1.50		90.00			
						169.20	Sqm	5037.00	852260.40

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
								Total Construction Cost	2542336.01
								18% GST for Construction Cost	457620.48
								Sub Total	2999956.49
								Utility Shifting,Miscellaneous and Rounding off	43.51
								GRAND TOTAL	3000000.00

Certificate

1. The workspot was inspected and works is found to be necessary.
2. The area comes within the Bruhat Bangalore Mahanagara Palike limits.
3. The rates adopted based on the PWD SR,Bangalore circle for year 2021-2022, issue rates dated 07-07-2022 and Data Rates

Assistant Engineer
Ward No-05
BBMP Bangalore

Assistant Executive Engineer,
Yelahanka New Town Sub Division
BBMP Bangalore

Executive Engineer,
Yelahanka Division
BBMP Bangalore

Administrative Approval
Accorded For 30.00 Lakhs
Head of A/C 8.3726
CER NO :...80.... 27/8/22

IA

AE (YNS)

Technical Sanction
Accorded For 30.00 Lakhs
Head of A/C 8.3726
CER NO :....84..... Dt:29/8/22